Botany.

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Record of
Botanical Expeditions

Beginning May 28th. 1841.

[in my senior year.
T. W. H.

Botanical Expeditions.

Friday. May 28th

Went after tea to the copse opposite Love Lane to get some Trilliums which I hadnt found before. Didnt at first find them, but got a large Convallaria-racemosa!, Anemone Thalictr., Geranium maculatum (just out) & what I thought was Clethra, but was in reality Prunus Virginiana. At last found the Trillium, on a bare spot the N.E. side. It is hard to find it, for you only see the leaves, the flower underneath. Got all there were - a good number. Pressed only this & the Prunus.

Conv. racemosa
Geranium
Prunus Virg.
Trillium

Saturday. May 29th

Made quite an excursion with small tin, & pasteboard box, setting out at 10 Am. Went down behind Keith's, where I found a Sinapis(!) but didnt keep it. Across to a fence NW of Pulfrey's where I got Convallaria bifoliata, scarcely out & a fine large Viola cucullata. Round in those fields & the woods thereby I found a few plants of Senecio aureus & Trientalis, in abundance, like the Conv. bif. Up into through the Theol. wood & the path into Norton's avenue - found on the way a fine root of Viola lanceolata. Went across Mr Norton's meadow to the marshy corner by the tollhouse - but found nothing except a Narcissus wh. was not wild. Then across into the Swamp - in the open place on the North side found a yellow starry flower among the cinquefoils - the Hypoxis erecta. Through & looked for the Arum by

Conv. bifol.
Senecio aureus
Trientalis
Hypoxis erecta

the Piggery, but only found it on t'other side the road, where there was a great deal - male & female - the latter is much more delicate, a green flower.

Vaccinium \ Found also in the swamp & elsewhere, the whortleberry, Vaccinium, (but saw none of the black spots Bigelow mentions on the leaves); & a new

Pyrus \ Pyrus, wh. however Dr H. calls ovata - where is the error?

Sunday. May 30th

Arum \ Got a quantity of Arums to press - also the little Veronica serpylli=

*Veron. serpyllifolia \ =folia, wh. I got a little of yesterday

Monday. ~~June~~ May 31st

Went up with Stone according to Dr H.'s direction, with his small flor. to the place for Rho=dora, where I was to find also the buckbean, Menyanthes, & an Andromeda. It was a marsh S. of the West Camb. boundary brook, near the race grounds - ~~rather~~ west. There I found a beautiful pinkish white flower in profusion wh. I supposed the Rhodora, but was in reality

Menyanthes \ the Menyanthes or buckbean & a queer looking thing not entirely out

Sarracenia \ wh. I supposed the Menyanthes, but in reality the Sarracenia, sid: saddle plant. Seeing nothing else, went across into a pine wood,

V. pedata \ where I found to my great delight the Viola pedata, wh. I've been so

Conv. bifol. \ curious about. Got also some more Conv. bifoliata, & an ugly looking flowerless onion root. With these I returned & found out my plunder at Dr H.'s lecture. I shall try to raise a plant of the Sarracenia I have, & must get it when more expanded.

Tuesday. June 1st.

Went up to the same place with Minot, in hopes to find the true Rhodora, though fearing it's time was passed. Stopped on the way at the

Conv. racemosa \ copse opposite a fox lane & got one of the Conv. racemosa - not out × Chapter says this is found in any dry wood, but I haven't seen in such places

spot. When we got up to the place, didnt at first see anything new but exploring round Frank came across a purple flowering bush, the petals almost off, wh. was the desired Rhodora Canadensis Rhodora
Looking round we found many bushes & some blossoms, but faded & almost past. Got a quantity for Dr H. - one good piece wh. I pressed. Near a small puddle Frank also found a delightful blue flower (& I a second, lost after getting home) wh. I thought an Iris & Charles an Arethusa bulb. Arethusa, but in reality Cypripedium pulchellum. Got nothing else Cypripedium
more than yesterday, except that I found the Glechoma hederacea Glechoma hed.
or Ground Ivy, wh. Dr H. showed us, under the trillions opposite & in other places

Friday. June 24th

Noon

Went down into the Swamp to get the Cypripedium - Ladies Slipper, wh. Charles found there last night. but didnt succeed - got Geranium & Blue eyed grass
Hypoxis erecta to press, & also a new flower - blue eyed grass, Sisyrinchium
*Berberis
anceps. - also the barberry - Berberis - Boston

Afternoon

Went with Minot in the afternoon where I was directed by Dr H. for the wild Columbine, - a wood S.W. of the old Waterstown burying ground. Looking round rather unsuccessful, came across Gould, the Freshman botanist with Allan who showed us where to get them, & we got (thanks to Lin. partly) a grand haul of new flowers, viz.

Columbine	1. Aquilegia Canadensis - wild Columbine	Dr. along the wood
Lupine	2. Lupinus perennis - wild Lupine	near a bridge
Hellebore	3. Veratrum viride - Hellebore	1 little E. of it - 2 little S.W. of it.
	4.	S.W. down in the wet ground

Uvul. perf. — 5. Uvularia perfoliata

Viola pubs: =Eric... — 6. Viola pubescens - yellow violet

Silene — 7. Silene pensylvanica - catchfly

Uraspermum — 8. Uraspermum ~~hirsutum~~ Claytoni sweet cicily

} Nearest wooded hill - in the dells. 6. in a dell thus. B.

besides flowers got for Frank, who is going to have an herbarium - also the Anemone Thalictroides, wh. I thought was Thalictrum, & blue eyed grass. Sisyrinchium

*Conv. multi. — Anceps. Convallaria multiflora Big. Was quite delighted with my success.

We had to miss Dr H's lecture but I saw him afterwards - he gave me the

*Beach pea — (root blossoms of plant) Lathyrus maritimus - beach pea

Marsh pea — " palustris - marsh peas } Chelsea beach & Island

Cerastium — Cerastium arvense.

Saturday. June 5th

Set out in the aftn alone, to get some particular flowers mentioned by Dr H. from Mt Auburn dell, & also the Cypripedium. Ladies Slipper, fr. the Sands above. In Mt Aub. found the Sisyrinchium in the main path, & down in the dell quantities of the Geranium, of wh. I took one large

(Uraspermum) — one - also a good deal of the Uraspermum Claytoni, wh. I found yesterday. On the N. side I found one spec. of what looked like an Aster - if not I thought

Erigerum — an Erigeron, but we can't very well tell. After this I wandered rather languidly towards the W. side of the enclosure - got over the fence & went towards the S.W. corner of the bramble-y quadrangle, where was that pond I explored abt the other

Cypripedium — day. - There I was to find the Cypripedium - accordingly I soon did find it, on the S.E. bank, under the pine trees. - abt 4 fine specimens. of wh. I took one, leaving the rest for Dr H's Wednesday lecture. ~~Have~~ Didn't mention that I got two new species of Potentilla, one on the salt marshes, the

Potentilla anserina — anserina, or silver weed - the other on the sands beside the fence - I presume

P. sarmentosa — sarmentosa - "running cinquefoil".

Sunday. June 6th

Went in the evening without a box to the Swamp for some Hypoxis. Got some & crossed to Norton's corners to look for Arethusa, but found only

Iris — many Iris versicolor & Senecio. Farther on got a Geranium wh. I thought (wrongly) might be the 'Herb Robert'. Went round by the wet bottom of our old garden

Vetch — where I found the flower (many plants) of Vicia sativa & a white bushy flower

Cochlearia armoracea (Glechoma) — I have not yet learned. Also by the pond Glechoma hederacea wh. I thought was perhaps Veronica officinalis. Also Potentilla sarmentosa

Monday. June 7th

Spent the morning with Minot in scrambling through the woods by Fresh pond opposite Mt Lee's. Got lost twice - the first time merely getting among bushes instead of through to open ground, & the second quite a complicated concern, deep in a bog without knowing which way to go - came across quite a pond there. Spent the inter=mediate time in traversing & exploring a good deal of ground of various characters, wet, dry, low, high, open, woody &c. Got quite deep in with one foot in jumping several ditches, wh. I really enjoyed; the whole concern was grandly venturous, independent & a la Audubon. Went into a farm house above - Mr Strauss's (Abby Ann) where we got two bowls of delicious milk - we had crackers - they wdnt take pay. This meal was very agreeable. Didnt get the flowers we expected (as Cypripedium, Silene, Lupine & Conv. trif.) but got, besides Sisy=

[forgetme not columbine] — rinchium, English forgetme not (what is the name of this?) Columbine, Conv. bifol. & multifl. & Senecio. these.

*Arenaria — Arenaria lateriflora? small white flower (all specimens died)

Lysimach. Thyrs. — Lysimachia Thyrsiflora, - Tufted Loosestrife - yellow

*Nuphar — Nuphar advena - yellow waterlily: common

Achillea millefolium ; Achillea millefolium - white, resembling Chrysanthemum

(Sarracenia). Sarracenia purpurea - Side Saddle flower - one partly out.

These were good enough, though not up to expectation. I mistook the three leaved specimens of Conv. bifolia for the trifolia, till I got home

Friday. June 10th.

Suddenly determined (though a hot morning) to cut several recitations, & go botanising. Did so accordingly & went alone up in to the woods by Water-town graveyard, hoping some yellow violets; but going into the dell didn't

(Silene) . find any - got however a number of Silenes (I found all the flowers

Erigeron bellidif. . I got there last Friday) - Erigeron bellidifolium "Robin's plantain"

Cornus alba . & a beautiful flowering bush - Cornus alba or alternifolia: & the little

(Arenaria lateriflora) . flower I got Monday of Arenaria lateriflora. Went farther into the wood

(Lupine) . - got a few Lupines towards the nether part - & quite a quantity down in a dell near where we got so few. Then waded over in a swamp (there's an immense deal of wood there) getting quite near the Arsenal.

(Lathyrus marsh pea) . - found the Lathyrus palustris, wh. Dr H. gave me last friday. Round the hill of Columbines (got another root) etc. & turned my steps

Sinapis . - on my way picked the pretty Sinapis nigra - mustard in a ploughed field - the flower always grows in such places. Crossed the road & struck into the woods wh. continue to Auburn sands - down along finding nothing till I got to the pond, where I found one Cypripedium for Dr Harris - near

Cistus Can. . there found the Cistus Canadensis, not knowing it's worth - but it didn't keep it's leaves - never does I believe. Gone fr 10 to 1.

Cypr. parviflorum . Dr H. gave me the beautiful one Cypripedium parviflorum fr. the Botanic Garden

Saturday. June 11th.

Set out at 4. PM towards the low grounds North of us. Went over behind Palfrey's towards Trillium copse & found all round there quantities of

(Lathyrus marsh pea) . the Lathyrus palustris - got also spec. of the beautiful locust-tree

Robinia pseud. , blossoms! Robinia pseudacacia. Rambled over those low grounds finding little - came across a queer looking thing - the water avens,
Geum rivale . - Geum rivale. Going over where Dr Harris directed me (what for?) - the marshy ground W. of Norton's barn - found a dozen of the
(Arethusa bulb) . beautiful Arethusa bulbosa. Saw nothing of two plants I wanted to find near Divinity Hall - nor of Arethusa ophioglossoides by Norton's pond - returned with few flowers, but those beauties. - Oh,
(Vicia sativa) , went round & got some Vetches - went up through old Holmes' field & looked over at the Foster house & grounds - surprised to find how dim my impression of the place was.

Cucubalus Behen . J. T. G. H. gave me the Cucubalus Behen - bladder campion, wh. I found afterwards - a common plant, wh. I knew very well.

Calla Virgin. . Charley had a curious thing I might have had - Calla Virginica

June 24th. No botanizing for a week & a half, having Entomologised instead (& neglected my press, by the way, so as to mould the flowers). I have had however (but pressed none but last) from Dr Harris &c. these flowers

Liriodendron* . Liriodendron Tulipifera - Tulip Tree. Bot. Gard.

Medeola* . Medeola Virginica - Cucumber Root " ?

Nymphaea* sanguinea . Nymphaea odorata, var. sanguinea "

Solanum Dulcamara - Nightshade . myself

- "

Triosteum . . Triosteum perfoliatum - fever root . Dr H. Mt Aub?

Diervilla Diervilla Canadensis - (yellow honeysuckle) "

& some others found afterwards & therefore not mentioned here.

Wednesday. June 23d.

Down by the Palfrey low grounds, to get new flowers, & also a bouquet for Sister Agnes. Carried my big new tin box, which I like

much. Down towards Trillium copse, finding in spots the small primrose
Oenothora · Oenothera pumila, & at the copse what we suppose though it
Viburnum (achilleam) · puzzles us a Viburnum (or Cornus) & Achillea millefolium, got
before. Crossing towards Palfrey's summerhouse found back of there
Kalmia · Kalmia angustifolia & Lysimachia quadrifolia, & the little
Lysim. 4folia · Prunella · Prunella, self heal. Then crossed to Arethusa meadow, where were
Arethusa ophiogl. · no bulbosa, but the greatest quantity of the beautiful Arethusa ophio-
-glossoides, with wh. I filled my box. These especially proved
very acceptable to my fair sister-in-law, & well concluded the
evening's botanising

Thursday. June 24th

Set out with Frank M. both picturesquely attired, he at
first intending to go no farther than Arethusa meadow. Found
(Oenothera) Hypericum · much Oenothera by the way, especially E. of Norton's pond. When we got
also St. John's wort, just out
to the meadow & he'd got enough Arethusa, he concluded to follow me, &
(Solanum) · we went along the road by Murdoch's getting on the way Solanum
Rosa · Dulcamara & Rosa Caroliniana - splendid wild roses. - & stopping
to look at a newly killed Skunk. Stopped at that delightfully
rural looking inn above Murdoch's & got some (poor) Sarsaparilla
Compound. - then went on to Rhodora marsh. Here found only a few
Azalea · Azalea viscosa, quantities of Sarracenia now passed. Galium
Galium sept. · Convolvulus sepium · Septentrionale - cleavers. & large vines of superb Convolvulus sepium
wild morning glory. Went on to the pine wood & while Frank rested,
I set out to go to a wood wh. looked within reach, went over a
Comarum · marsh, but a wide ditch stopped me - however, found there Comarum
Pot. Norveg. · palustre, Marsh Cinquefoil, & Potentilla Norvegica. Branched off towards
Oxalis stricta · wild woodland S.E. where I found in an open place the little Oxalis stricta

Antirrhinum — yellow wood sorrel., & in a sort of dell Antirrhinum Canadense - snap
Spiraea alba — Dragon - a pretty, graceful, pink flower. & Spiraea alba, wh. is very early for it. Rejoined Frank & cut across, finding nothing more except a great black snake, 3 or 4 feet, wh. we might hv. caught had we been prepared, Frank attacked him, but he got to the water, & we after sundry self reproaches, departed.

Did not go botanising at all through July but then & afterwards saw many flowers wh. fill up the intermediate period. viz

1. Lysimachia hybrida - not got. July
2. Heracleum Latanum - wild parsnip - do - do
3. Antirrhinum Linaria - Toad flax - do. do
4. Cichorium intybus - common blue succory - do - do
5. Saponaria officinalis - Bouncing Betty do do
6. Verbascum Thapsus - mullein - do - do

Got in walk with M.R.P. Aug 3d - not kept

7. Spiraea Tomentosa - Downy Spiraea - do
8. Solidago altissima - Tall Golden Rod - do
9. Clethra alnifolia - do
10. Podalyrea tinctoria - Broom or wild Indigo - do
11. Thalictrum Corynellum - Meadow Thalictr. do
12. Cicuta maculata - American Stonework do
13. Polygala sanguinea Aug. 1
14. Verbena hastata - not lavender " "
15. Sagittaria sagittifolia " "
16. Cassia Chamoerista " 3d

. 17. Rhexia Virginiana Aug 3d

Saw riding to Jam. Pl. next day. Aug 4

. 18. Clematis Virginiana " 5th

. 19. Tanacetum vulgare - wild Tansy, not got July

Monday. August 9th

Set off - first time for over a month, duly attired - across marsh by Morse's - cross to Theol. woods - there & in meadows E. & N. found, (!) beside Nos 7-18 inclusive of last entry, the following

. 113' . Arenaria stricta. Behind Morse's

. 114' Eupatorium verticillatum passim - not out.

. 115' Impatiens Noli Tangere Ditch E. & N. to woods

. 116' Oenothera biennis passim

. 117' Glycine apios - ground nut - a vine N.E. Norton's pond

. 118' Brachystemum Virginicum - Va Thyme ditto

. 119' Hypericum Corymbosum - spotted St John's wort ditto

. 120 Lobelia pallida - Tobacco plant (2 sp) N.E. meadow of woods

. 121 Orchis Psycodes. (1 sp) ditto

. 122 Prenanthes alba (1 sp) ditto

(Solanum . (Spiraea alba . ~~123~~ besides (got before) Solanum Dulcamara & Spiraea alba of 24th

(Prunella . June. & Prunella of 23d June. These make 25 species, pretty good haul!

Friday. August 13th

Took a botanical walk in the morning up by Cragie's - across to Hemenway's lane - up that - in wood left & marsh Swamp right - round the pond & meadows NE a little & home by that road & across to lane again.

Sagittaria . Besides finding by head of Cragies, ditch &c Nos 15, 15' (great place for it) & 17.

- Oenothera pum[...] of June 23d. Rosa Caroliniana, very late - Nos 22.

growing profusely in wood South of Fr. pond lane — & Eupatorium verticil=
=latum (No 14") opposite to it: We got the following

8" Cicuta bulbifera — ditch above Cragie's

9" Aster cyaneus — wood S. of. Fr. p. lane

10" " umbellatus — " " "

11" Solidago odora — Sweet scented G. R. " " "

12" Eupatorium perfoliatum, thoroughwort, marsh N. of lane

13" Lysimachia ciliata " " "

14" " " "

15" Sium latifolium, Water parsnip " " "

16" Polygonum hydropiper, do pepper. " "

17" Pontederia cordata. Pickerel weed. E. margin Fr. pond

18" Lythrum verticillatum — a vine " "

19" Mentha borealis. Horse-mint " "

20" Cephalanthus occidentalis, Button bush " "

21" Gerardia purpurea, purple Gerardia. Meadow N. E. pond

22" Agrimonia Eupatoria, by roadside

23 Penthorum sedoides

Sept 6-17 Plants found near Nepouset on my surveying Expedition

common	Gnaphalium margaritaceum	Hilly Pastures
"	Trichostoma dichotoma	
"	Solidago odora	
"	Gerardia purpurea	Woods
"	" flava	"
"	" maritima	Salt marshes
"	Neottia gracilis	meadows & pastures
"	" cernua	"
"	Aster cyaneus	passim
"	" amplexicaulis	
"	" corymbosus	
"	" diffusus?	
"	" dumosus	
"	" cordifolius	
Several times	Glycine monoica	
"	Gentiana crinita	Meadows
Sept 9th	Lathyrus maritimus	Salt marsh & beach
" 16th	Lobelia cardinalis. 1 sp.	Low ground
" 11th	Chelone glabra. 1 sp.	"
" 7th	Coreopsis trichosperma	Woods

1842

Brookline

An astonishingly Early Season — find at Mt Auburn Some

\+ 1 Hepatica triloba [illegible] & a great many on . Got

\+ 2. Viola ovata in the wood N E this house Apr 22d. +

Thaxter had at his room at Cambridge on Apr 24th, lots of

\+ 3. (Erythronium Americanum) with many petals [illegible]

\+ 4 Sanguinaria Canadensis — Bloodroot. On Apr 25th. brought [illegible]

\+ 5 Saxifraga vernalis — Saxifrage, which I found on Apr 27th. very Common in a low meadow N.N.E. of this place, together with.

\+ 6. (Viola blanda)

\+ 7. (Caltha palustris) [illegible] — last year very thick here in quantities,

\+ 8. (Anemone nemorosa)

\+ 9 (Fragaria Virginiana) — last year here, thick.

\+ 10 Gnaphalium plantagineum . Pretty rare for April!

\+ 11. Leontodon Taraxacum, also came out abt Apr 20th.

\+ 12. Stellaria media — found April 28th.

April 28th

Took my first Brookline botanical walk — over in the woods N.E. of this Perkins's taken a quite wide circuit over a very unpromising extent of

marshes. Cedar wood, thick wood. Being also an unpleasant after a cold & chilly – made it worse. Found all the flowers I got, in the field behind by Uncle F's

\- + 13. (Viola pedata) { or near it – a number of May flowers.

\- + 14. (" lanceolata)

\- + 15. (Potentilla ~~simplex~~) sarmentosa

\- + 16. (Pyrus? ovalis) ...

\- + 17. Andromeda calyculata ; Vaccinium ...

\- + 18. ~~Thalictrum dioicum~~ (Aquilegia Canadensis) ... June 1st

\- + 19 Ribes triflorum

\- + 20 ~~...~~ Laurus Benzoin

April 24th

Took a long & very pleasant walk over the country between here & ... east – round Travis Point – got almost all the foregoing flowers, especially No 1 which I wanted to press – 5 & 7 most, also the following

\- + 21. Ribes floridum

\- + 22. (Arum triphyllum) not perfectly out, but very early

A much better botanizing ground than the town afforded West. Containing every variety of meadow, marsh, hill, pond & wood; and being so near, I shall expect great things of it. I was surprised to find no Uvularia, Trillium or Erythronium anywhere – do they not grow here. V. ... Ap. 30th

Didn't go botanizing for the week, regularly, but found around every ...

× 23. Thlaspi Bursa pastoris

× 24 (Viola cucullata)

× 25 (" sagittata) ; also about May 6th - 7th

× 26 Glechoma hederacea

× 27 Arabis rhomboidea. { Several walks in Carson's woods lots of Anemone & Viola pedata & Aquilegia

May 7th.

• Took a real long walk in the aftn (Saturday) going over first rock of Fragrance hill, where Marianne [illegible] sketched, [illegible] 3 & then [illegible] through Aspinwall's woods & along [parallel] with the [illegible], like a valley, wood & high rocky hills, till I found myself close onto [illegible] then back a long way through Pierce's woods to the fields & [illegible] by the lane. Read Capital success [illegible] 3 [illegible] in [illegible] for

× 28 (Trillium Cernuum) not out - [illegible] Fragrance hill

× 29 (Uvularia sessilifolia) [illegible] - fields - not very common

× 30 " perfoliata not out [illegible] one specimen [illegible] woods

× 31 (Convallaria bifolia not out [illegible] plentiful in [illegible]

× 32 " multiflora not out rocky hills - "

× 33 ~~Erysimum officinale~~ Sinapis nigra

× 34 Thorax trifolium [illegible] - swamp in Pierce's woods

× 35 Ranunculus abortivus.

- also [illegible] 15, which is [illegible] common in - [illegible], quite so

× 36 (Anemone Thalictroides) - found often this - about May 1st

No regular botanical trip for the week - but found meanwhile, in several walks in the woods with Sarah K. & Mary C.

× 37 (Erigeron bellidifolium) Mr Seis grounds - May 8th

× 38 (Geranium maculatum) " " " 9th

× 39 Chelidonium majus " 11th

×40 (Pedicularis Canadensis) May 11th
×41 ⁑ Ranunculus bulbosus May 12th
×42 ‡ Prunus Virginiana ‡ " " . Also on this day on
a walk in Perry's woods with the girls, found a great quantity of beautiful
Uvularia no 29 in a dell close to the path about the middle of them. Also
×43 Veronica serpyllifolia which we have seen before
×44 Thalictrum dioicum - a graceful reddish plant that we have seen for
several days, but not known - also
×45 Stellaria longifolia

On the aftn of May 13th took a ride with Miss Marianne Jackson &
the girls, towards Newton - we stopped to get out at some high rocks at
the roadside near Newton Theol. Seminary - & found these new flowers
46 Andromeda racemosa - hardly out, (with longer flowers
×47 Pyrus Botryapium - passed, a fine species
×48 Laurus Sassafras - several splendid trees of it.
×49 Berberis vulgaris - not many entirely out.
besides quantities of No 18 - columbine, which seems the most common plant
here - now passing away

On May 15th found No 23 - Trillium Cernuum entirely out, in the place
where I then found it - back of Mr grant's hill

May 16th

Took a long walk - across Cowen's wood to the deep wood beyond - wandering
about those high rocky hills & marshes for a good mile west towards Newton
- then then there turned & struck N.E. for Richard's pond did not
find it, but got out into the Worcester turnpike & came home. Found

50 x Convallaria racemosa hardly out — Rocky by roadside
51 x (Trientalis Americana) half out — Woods
52 x Corydalis glauca ! beautiful flower on very high rocky hill
53 x (Cypripedium acaule) two yellow & decumbent on the ground
54 Andromeda paniculata — thick white flowers, rocky sides
55 x (Pyrus arbutifolia) one small specimen
56 x Cardamine Pennsylvanica.
57 x Prunus obovata passed immediately below [illegible]
58 Pyrola maculata with the rare species of paler green [illegible]
59 Camelina sativa is that right! few specimens on the ground
60 x Cornus Florida — dogwood tree beautiful tree. [illegible]
besides Convallaria bifolia & multiflora (see 51-2) some specimens out.
It deserves notice that I have found no Houstonia at all in Berkshire [illegible]

May 17th

Set out with the boys, high with hopes to Richmond's Pond, if possible. We walked up the turnpike abt 1½ mile. Then struck off into the woods. Crossed a few rocky heights & suddenly came upon one whence we saw the pond lying before us. I clapped my hands & ran towards it with the feelings of an explorer — quite a large sheet of water, looking utterly wild & uncultivated all round. Found at the place where I first came on to the pond the flowers I wanted viz

61 x Andromeda calyculata — water Andromeda — a beautiful species
62 x Vaccinium oxycoccus [illegible] — also located at Richmond Pond by Bigelow
63 x Sarracenia purpurea, not out. — in bud only.
To my disappointment, just as I was planning the circuit, found that the boys were tired & wished to go home — There was very little appreciating [illegible] for some [illegible]

May 15th

I could not resist the temptation to seek the wilderness in a [illegible], though not feeling very active: so I went up to Richardson's pond, intending to make the circuit of it. Began where we left off the other day — going towards the north side, but soon found myself in a thick marshy & [illegible] pine wood, in some places partly cleared, & wholly unpleasant & unsatisfactory. This lasted till I came round just opposite where I was at first — then the ground began to ascend & the pine wood to be drier — found Cypripedium No 53, plenty. Got up higher & found myself in a grand region of high rocks & bold precipices 50 or 70 feet high. I felt rather tired, but got over it & enjoyed wandering around them very much. Several Cornus Florida (No 66) trees looked splendidly & Corydalis glauca (No 52) & Prunus Virginiana (No 42) seen in its bloom. From there I went down & crossed to the road — on a little hill there grew a number of the Cypripedium (No 53) — the largest I ever saw. Walked up the road some way, till I found myself at the very place we came to on our picnic ride May 13th — where I found the same flowers I had seen there. I take it to be 3 miles or so from home; walked straight home, making the way in a [illegible] German [illegible], which I quite liked. — Got these flowers

64 + Pyrola umbellata — not out — East side the pond
65 + Aralia nudicaulis — hardly out — plenty — a fine plant
66 + (Hypoxis erecta — hardly out — on the rocks
67 + Rubus trivialis " " " "
68 + Potentilla ~~Canadensis~~ Norvegica — on the rocks
69 + Nuphar advena — not out in bud — round the pond
70 + Thesium umbellatum — woods south of high rocks
71 + Chrysanthemum leucanthemum — not out. — [illegible]
72 + (Vaccinium [illegible])

these Vacciniums! — Wednesdays puzzle me very much by the way — all the genus, against all rule, have ten stamens & calyx five parted!

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73 x Trifolium repens — white clover
74 x Ranunculus acris Buttercup } out on or before May 20th
75 x " repens " } tall buttercup, & creeping do.

—

May 21st — Saturday.

Went off to get some flowers for Barbara C. to send to her home — went towards the Brighton wood — did not think at first it was going to be successful but got a grand bouquet of Trillium, Geranium, Convallaria (umbellata), Columbine, violets, Anemone, Thalictroides, white clover, &c. Nos. 25 28-9.30-1.36.58.42 &c.
76 x (Houstonia Caerulea) — for the first time! — a solitary clump in a dry valley
77 x (Iris Virginica) — several specimens in a marsh
78 x Vaccinium tenellum
79 x " corymbosum } glad to have found all the species at once
80 x " virgatum
81 x Cynoglossum officinale — Common hound's tongue — a large rough (plant). then I crossed the Perkins' place to the old rocky place & then through the wood much as I went May 7th — but shorter — came back as then through Pierce's wood, only a rather pleasanter way

—

82 x Trifolium pratense — red clover — out May 24th
83 (Rhodora Canadensis) Barbara Channing brought up the Community the same day — found by her family on Cow Island, & it grows near there — whether I must make an expedition
84 x Medicago Lupulina — the little yellow clover which is so common

On Wednesday May 25th took a long walk in the south heath road, among the pine woods there - found a good deal of Cypripedia - I got Convallaria, corydalis, cherry, columbine, violet, Sanicula, Geranium. Got no new flower except, what I suppose to be (a new spec. of)

x 85 Melampyrum Americanum - Cow wheat.

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x 86 Rubus occidentalis - out about May 26th. before -

Went with the boys May 28th to the wood behind Scarsdale's near ... but got nothing new - not much of any thing at all.

x 87 Smilax rotundifolia - a (thick, prickly) vine in the lane, just out June 1st

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x 88 Vitis Labrusca - wild grape
x 89 Rhus radicans - Ivy
x 90 Ligustrum vulgare - Privet
} vines in bud near the gate, ~~in bud~~ June 2d

June 5th

x 91 Orobanche uniflora - a queer parasitical plant I found one of in Uncle P's woods, I couldnt for sometime find out - afterwards found several under a hedge in Mr. Jno Lee's grounds, where also we I found

x 92 ~~[illegible]~~ Aralia racemosa - Spikenard, probably, but I am not sure
x 93 Galium asprellum, which I have found before not here, but near Uncle P's
x 94 Ornithogalum umbellatum - White Bethlehem Star, naturalized. Cultivated not
x 95 Cistus Canadensis - some fine specimens
x 96 Senecio aureus - just coming out
97 Kalmia latifolia - not wild, but planted by Mr L. - just out. vide June 22d

End, pro tem.

vide 14p. | Autumn Letters.

White Train

My journey – North

Travelling from Boston to Portland saw some new flowers, but could not make them out – great quantities of Houstonia, & all the last the way the road was lined with Rhodora, looking beautifully. Saw, near [illegible]

x 98 Calla Virginica – which Charles Perkins got from Milton last year I should like to find it again. This was Monday June 6th.

On Wednesday June 8th reached the White Mountains, passed into the Notch & began to see new flowers, some of those I had been promised I should have. I had been afraid it was almost too early for them, but it didn't seem so, for during the day I found the following flowers in the Notch!

99 Dracaena borealis – here & at Willey house hill. Saw fine spec.

x 100 Cornus Canadensis – Dwarf Cornel – in profusion

x 101 Sambucus pubescens – Panicled Elder " – [illegible]

x 102 Viburnum lantanoides – Hobble Bush or Wayfaring tree "

103 Prunus borealis – Northern Wild Cherry – very common

x 104 ~~[illegible]~~ Acer striatum – ~~[illegible]~~ Striped Maple, or moosewood

105 Ribes rigens – Mountain Currant

106 " lacustre – Swamp Gooseberry

107 Streptopus distortus – Curling Streptopus – like Uvularia

108 Vaccinium macrocarpon – Cranberry

109 Trillium pictum – Painted Trillium

110 " erectum Erect " – this found round the [illegible] house – the others in the Notch, besides Rhodora, Dicentra & Houstonias in luxuriance. I was enchanted with this speedy success & augured still greater, even without ascending Mt. Washington.

N. H. & Vt

Thursday June 9th, found some more flowers farther down the Notch

111 Ledum latifolium - Labrador tea in profusion near Willey house

112 Tiarella cordifolia - Common Tiarella - ditto, like a Convallaria

X 113 Actaea rubra - Red Actaea, Cohush.

~~114~~, ~~Nesaea verticillata~~ common Eglantine

These fifteen flowers were all I found at the mountains - for both the days we were there were rainy, so I could only get flowers on or near the borders of the Notch road - however these are very good indeed. The most common flowers were 99 & 100, Dwarf Cornel & Dracoena - found also Violas, Trientalis, Cypripedium, Anemone nemorosa (too late) &c.

Went next to Littleton N.H., where we found several flowers.

x 114 ~~115~~ Coptis trifolia - Goldthread An old wood East of the village

115 ~~116~~ Prunus depressa - Sand cherry Shores of the Ammonoosuck

x 116 ~~117~~ (Geum rivale) - Water avens Old woody hill opposite house - profuse

x 117 ~~118~~ Medeola Virginica - Cucumber Root - in bud. - ditto

x 118 ~~119~~ Cornus alba - white berried cornel

These were Sunday. June 12th.

On Monday, June 13th, we rode out through Franconia Notch to the flume woods beyond - all along the woods we saw lots of the same as in the White mts, Dracoena, Cornus, Trientalis, Trillium pictum & gigantic Trillium erectum. In the ancient forest of the flume just the same, &

119 ~~120~~ Streptopus roseus - red flowering Solomon's seal - Common

120 ~~121~~ Xylosteum ciliatum - Fly Honeysuckle - one bush

These were in Lincoln. N.H. - a grand old wild forest.

Staid next at Orford NH the first afternoon I crossed the river to a high rocky hill, in Fairlee Vt & got these flowers (June 14th)

X 121 ~~122~~ (Sisyrinchium anceps) found anywhere

X 122 ~~123~~ Rosa Caroliniana ditto

X 123 ~~124~~ Oenothera pumila ditto

×124 +25 Diervilla Canadensis - a good deal hardly out

Rubus villosus

×125 +26 ~~Kalmia glauca~~ - Glaucous Kalmia in the [illegible] bott

126 +27 Potentilla arguta - Crowded Potentilla " "

the latter quite rare, I judge from Bigelow.

×127 +28 Lilium Philadelphicum - in bud - Common Red Lily

Staid several days at Woodstock. Vt. but went little after flowers. On June 18th, went with Norris Williams to some open maple woods north along the river & found

×128 +29 (Oxalis stricta) - Yellow wood sorrel.

×129 130 " acetocella - Wood sorrel - Miss Mitfords

130 131 Geranium dissectum - Wood Geranium

×131 132 (Thalictrum cornutum) - Meadow Thalictrum

On the road from Woodstock to Brattleboro. saw (June 21th

132 133 (Cicuta maculata) - Charlestown. N.H. & passim

133 +34 Angelica triquinata ditto

×134 +35 (Achillea millefolium) ditto & passim

×135 +36 (Kalmia angustifolia) Bellows Falls. Vt "

×136 +37 Prunella vulgaris Putney. N.H. "

× Verbascum Thapsus.

On the road from Brattleboro to Worcester. Ms. June 22d. saw quantities of splendid Kalmia latifolia (97) still in luxuriance also Calla Virginica (95) a good deal in a pond near New Salem. N.H.

137 +38 and Geranium Robertianum - Herb Robert. Halfway, Worcester. Mass.

So Ending my very successful Exploration

Back at Brookline again

I did not mention on the journey - June 21st. Brattleboro

138 Liriodendron Tulipifera - Tulip tree cultivated, Hospital Garden

also before going away - got from Miss Jackson (June) several

X 139 (Arethusa bulbosa) - from Dedham or Dorchester - also another flower I couldn't make out, probably wild, Cymbidium, or something

140 Polygala paucifolia

On returning to Brookline, found the flowers had come on very much, & got new ones every day - thus.

June 23d

X 141 Anthemis cotula — May weed - common

X 142 (Solanum Dulcamara) — Nightshade - "

X 143 Rosa micrantha — White sweetbriar - "

X 144 Hypericum perforatum — St John's wort "

X 145 Vitis hederacea, in bud — Creeper

X 146 Raphanus Raphanistrum — Wild radish - common weed

X 147 Celastrus scandens — Waxwork - vine - rather common

X 148 Sambucus Canadensis — Common Elder

June 24th

149 Linum Virginianum — Flaxseed - in this yard

X 150 Conium maculatum — Hemlock - common along the road

June 25th

X 151 Rhododendron maximum — cultivated, Mr Lee's grounds

X 152 Lysimachia quadrifolia — 4 leaved Loose Strife

X 153 Asparagus officinalis — Asparagus.

X 154 Polygonum sagittatum : Scratch grass

— June 26th —

X 157 (Antirrhinum Canadense) Snap Dragon
X 158 (" Linaria) Toad Flax
X 159 Malva rotundifolia Common Mallows
X 160 Apargia autumnalis Autumnal Hawkweed.
X 161 Cucubalus Behen Bladder Campion
X 162 Erigeron Philadelphicum Philadelphia Flea Bane
X 163 Robinia Pseudacacia Locust Tree.
X 164 Erysimum officinale Hedge Mustard.
X 165 Pastinaca sativa Parsnep.

— June 27th —

X 166 (Spiraea alba) White Spiraea
167 Podalyria tinctoria Wild Indigo
168 Galium Aparine Common Cleavers
X 169 Erigeron integrifolium Entire-leaved Erigeron.

— June 28th —

170 Spergula arvensis Corn Spurrey - Tares

— June 29th —

171 Arenaria lateriflora Side flowering Sandwort
X 172 Pyrola rotundifolia Round leaved Winter green
X 173 Myosotis palustris Water Forget-me-not

—

July 2nd

Took much the same walk as on May 25. - pine woods & swamps on Spring street - Pico[?] Cory land - found a good deal of Kalmia angustifolia &c, and

174	X	(Azalea viscosa)	Wild honeysuckle	
175	X	Mitchella repens	Chequer berry	
176	X	Vaccinium frondosum	Late Whortleberry	
177	X	Aralia hispida	Bristly Aralia	
178	X	Houstonia longifolia	Long leaved Houstonia	
179		Prinos verticillatus	Black Alder	
180		" ambiguus	Long leaved ditto	
		July 4th		
181	X	Cichorium intybus	Succory	
182	X	Apocyanum androsaemifolium	Dog's Bane	Cooke's woods
183	X	Erigeron Canadense	Annual Flea Bane	Found often before
		July 5th		
184	X	Asclepias ~~Tuberosa~~ Phytolaccoides	Poke leaved Silk weed	
185	X	Aster cyaneus	Blue flowered Aster	
		July 7th		
185	X	Lysimachia stricta	Upright Loosestrife	Kendall's woods
186	X	Phytolacca Decandra	Poke	Opposite Dr Price's
187	X	Hieracium venosum	Veiny Hawkweed	
188	X	" marianum	Rough "	
189		Rhus glabrum	Common Sumach	Seen before
190		" typhinum	Stag's Horn, or Velvet S.	
		July 8th		
191	X	Cnicus pumilus	Pasture Thistle	

July 9th

192	X	Tanacetum vulgare	Tansy
193	X	Nepeta cataria	Catnip

July 15th

194		Polygala rubella	Bitter Polygala
195	X	Asclepias Syriaca	Milk weed
196		Silene antirrhina	Snapdragon Catchfly

July 16th

197	X	Achillea ptarmica	Goose tongue
198	X	Hypericum corymbosum	Spotted St Johns Wort
199	X	Helianthus divaricatus	Small rough sunflower
200	X	Verbena urticifolia	Nettle-leaved Vervain
201		Geum Virginianum	Virginian Avens
202	X	Rubus Canadensis	Evergreen blackberry
203	X	Plantago major	Large Plantain

July 17th - In Cowles woods & vicinity

204	X	Cnicus arvensis	Canada Thistle
205	X	Agrimonia Eupatoria	Agrimony
206	X	Impatiens Noli Tangere	Touch me not
207	X	Cicuta bulbifera	Bulbiferous Cicuta
208	X	Asclepias pulchra	Water Silk weed
209	X	Lactuca Elongata	Tall Lettuce
210	X	Erigeron margaritaceum	Life Everlasting
211	X	Potentilla Norvegica	Norway Cinque foil.

212 Mentha viridis — Spearmint

213 X Anemone Virginiana — Tall Anemone. } Cunnin's woods

214 X Rumex acetocella — Common Sorrel - Often before

215 X (Convolvulus sepium) — Morning glory - (one kind bud & perfection seen some days ago

216 X Nymphaea odorata — Water Lily - - July 18th Frank Parker's Richards Pond.

July 19th - (Kendall woods &c.)

217 X Mimulus ringens — Monkey flower

218 X Lilium Canadense — Common Yellow Lily

219 X (Lobelia pallida) — Pale Lobelia

220 X Datura Stramonium — Thorn Apple

221 X. Saponaria officinalis. — Soapwort - Bouncing Betty

222 X Campanula erinoides — Slender Bellflower

223 X Dianthus armeria — Wild Pink

224 X Leonurus cardiaca — Motherwort

225 X (Arethusa ophioglossoides) paired — Adder's tongue Arethusa

226 X Eupatorium perfoliatum — Perfoliate Eupatorium - Thoroughwort

227 X " verticillatum } present — Whorled do "

228 X Prenanthes alba — White flowering Prenanthes

229 X Inula Helenium — Elecampane

July 23d

230 X Lepidium Virginicum — Virginian Cress

231 Sonchus oleraceus — Sow Thistle

July 25th

232 Rosa rubiginosa . Sweet Briar {brought fr. Tawney

July 26th

233 X Penthorum sedoides — Penthorum
234 X (Verbena hastata) — Spear-leaved Vervain
235 Hedysarum acuminatum — Pointed Hedysarum

July 27th - (in Lee's

236 Magnolia glauca — Small Magnolia
237 Lilium superbum — Superb Lily
238 X (Lysimachia ciliata) — Heart-leaved Loosestrife
239 X (Lobelia cardinalis) — Cardinal Flower

} Cultivated Mr. Lee's

July 28th - (Kendall woods)

240 X Cephalanthus occidentalis — Button Bush
241 X (Spiraea tomentosa) — Downy or Purple Spiraea
242 X Scutellaria galericulata — Common Scullcap
243 X Lobelia inflata — Tobacco Plant
244 X Sagittaria sagittifolia — Arrow Head.

July 29th

245 Polygonum Virginicum — Virginia Polygonum
246 X " persicaria — Spotted do.

August 1st - Took a grand walk to Richards's Pond and Explored all round there - got lots of Flowers.

August 1st.

247 X Oenothera biennis — Tree Primrose
248 X Pontederia cordata — Pickerel weed
249 X Arenaria marina — Sea Sandwort
250 X (Rhexia Virginica) — Virginian Rhexia
251 X (Orchis Psycodes) — Ragged Orchis
252 X (Polygala sanguinea) — Sanguineous Polygala
253 X Arctium Lappa — Burdock
254 X Scutellaria lateriflora — Side flowering Scullcap
255 X Cymbidium pulchellum — Tuberous Cymbidium
256 X Hedysarum Canadense — Canadian Hedysarum
257 X Galium trifidum — Small Cleavers
258 X Utricularia vulgaris — Bladderwort
259 X ~~Viburnum dentatum~~ Ceanothus Americana — ~~Dent Viburnum~~ Jersey Tea
260 Lycopus Virginicus — Virginian Water Horehound
261 X Eriocaulon pellucidum — Transparent Pipewort.

Found also 238 wild, 215 given me before; & 63 & 69 out & passée

August 19th – (Community wood)

262 X Monotropa uniflora — Ghostflower
263 Lespedeza polystachya
264 ——— violacea
265 X (Neottia gracilis) — Slender Neottia
266 X (Gerardia purpurea) — Purple Gerardia

Aug. 22d

267 X Potentilla argentea — Hoary Cinquefoil

August 29.

268 X Chelone glabra — Snake Head

August 30 (Richards' Pond)

269 X Trichostema dichotoma — Trichostema
270 X Aster umbellatus — Umbelled Aster.
271 X Solidago odora — Sweet scented Goldenrod
272 X " altissima — Tall do
273 X " bicolor — White do.
274 X (Lythrum verticillatum) — Grass Poly
275 (Glycine monoica) — Pea vine
276 (" apios) — Ground nut.
277 X (Neottia cernua) — Drooping Neottia : Ladies Tresses
278 X " pubescens — Veined " Rattlesnake Plantain
279 X Hedysarum multiflorum
280 Hieracium paniculatum — Panicled Hawkweed.

I should have mentioned before, following 280, I think, one spec. of
281 X Gerardia flava — Yellow Gerardia.

August 31st

282 X Vernonia Noveboracensis — Vernonia (Ironweed)
283 X Gerardia Pedicularis — Bushy Gerardia (Lice? ..
284 X Trifolium procumbens — Yellow Clover
285 X Gratiola aurea — Hedge Hyssop
286 Bidens tripartita — Trifid Burr Marigold
} Jamaica Pond.
287 X Aster diffusus — Spreading Aster.

Septr 2d

288 × Aster linarifolius — Savory leaved Aster.

289 × " cordifolius — Heart " "

290 " amplexicaulis. — Clasping "

Sept. 18

291 × Bidens Chrysanthemoides — Large flowered Bidens.

Plan omitted to mention - found about Aug 1

292 × Clethra alnifolia — Alder leaved Clethra

145 new sp.